

HOLLO, Maria Gy.

Study on the oxidizability of coals with special reference to anode carbons.

I. Elemér Papp, Hadrian Antonescu, Maria Gy. Hollo (Magyar Aluminiump Kutató Intézet, Budapest, Hung.) Aluminium 3, 13-17 (1951).--Coke residues obtained by C_6H_6 extrn. of raw anode masses were screened, and material of grain size 1.5-0.06 mm. and below was used for tests. One g. of such coke was treated with 15 ml. 40% CrO_3 30 mins. on the water bath, then 300 ml. cool distd. water was added. The soln. was filtered, the filtrate dild. to 500 ml., and an aliquot portion titrated iodometrically. The oxidation diagrams obtained by this method showed that coke of finer grain size was more oxidizable than was coarse coke. The oxidation process seemed to take place quickly in the 1st phase, but after 5-10 min. the oxidation rate was very slow. The fraction below 0.06 mm. obtained directly by sieving the residue after extg. with C_6H_6 consumed 1.5 times as much CrO_3 as did coke of similar fineness obtained by comminution of the fraction of 1.5-mm. grain size. This leads to the conclusion that the rate of oxidation depends to a high degree on the amt. of bonding material adhering to the surface of coke grains, which is not sol. in C_6H_6 . Comparative tests with raw and ignited petroleum coke proved that the latter consumed much less CrO_3 . Ignition at higher temps. decreased the consumption even more. 48 references. II. Elemér Papp, Alfred Romwalter, and Adrian Antonescu. Ibid. 28-32.--A new method was elaborated, the principle of which is the measurement of the amt. of CO_2 as a function of time, as the basis of oxidizability. The coal or C sample is treated with H_2SO_4 contg. chromic acid in a special app. at 100°. The CO_2 formed is removed by a stream of N at a

3.M.

Hollow m.

80. Extent viewpoints and corrosion data on the utilization of aluminum alloys for shipbuilding. A. D. ... M. H. ... *Travaux de Génie* ... No. 17 ... pp. 368-373, 18 figs, 6 tabs.

Aluminum alloys and magnesium alloys produced in Hungary for use in shipbuilding were subjected to extensive tests for their resistance to the ... testing ...

HOLLO, M.; NOVAK, I.

Effect of sexual hormones on seborrheal alopecia. Orv.hetil. 91
28:892-894 9 July 50. (CML 20:7)

1. Skin and Venereal Diseases Clinic (Director--Dr. Tamas Ravnay),
Pharmaceutical Institute and University Pharmacy (Director--Dr.
Lajos David), Szeged University.

HOLLO, Z. M. 1951

(Derm Klin.U. of Szeged)

"Variations of Alkaline Phosphatase Activity in Hairs Under Physiological and Pathological Conditions and After Exposure to Thallium and X-rays."

Acta Physiol. (Budapest), 1951, 2/1 suppl.) (35-36)
No abst. in Exc. Med.

ZIATAROV, S.;HOLLO, M.

The effect of thallium and x-rays on the action of alkaline phosphatase.
Acta med. hung. 3 no.3:331-340 1952. (CML 23:4)

1. Of the Department of Dermatology and Venereal Diseases of Szeged University.

ZLATAROV, S.;HOLLO, M.

The effect of x-ray, methylcholanthrene, benzo(a)pyrene and thallium
on the catalase activity of epidermis and hair. *Borogygy. vener.*
szemle 6 no. 5:141-144 Oct 1952. (CLML 24:1)

1. Doctors. 2. Dermatological and Venereological Clinic (Director --
Prof. Dr. Tamas Ravnay), Szeged Medical University.

HOLLO, M., SZTOJCSO, ZLATAROV

"Effect of Badium, Benzopyrene, and Metylcholanthrene on Alkaline Phosphatase Activity". p. 241. (KISERLETES ORVOSTUDOMANY. Vol.5, No. 4. July 1953, Budapest, Hungary).

SO: Monthly List of East European Accessions, L.C., Vol.2, No.11, Nov.1953, Uncl.

HOLLO, M. and ZLATAROV, S.

Dept. of Derm. and venereal Dis., med. Univ., Szeged. *Effect of X-rays and thallium of the calcium phosphate layer on the surface of hair bulbs. Calcium layers in the skin. ACTA MED. ACAD. SCIENT. HUNG. (Budapest) 1954, 5/3-4 (241-244) Tables 1

A histochemical positive calcium phosphate reaction is observed on the surface of hair bulbs and follicles. This reaction is also observed on the border layer between epidermis and cutis. It is weak on the surface of the epithelium looking towards the cutis, and very marked on the epithelial surface of the cutis. This calcium phosphate reaction is negative on the surface of hairs epilated by X-rays and thallium, inorganic phosphate chain disappears from their surface; this must be regarded as a grave injury to the cells of the bulbs, their phosphate metabolism taking place at least partially through this phosphate layer. Lapière - Liège

SO: EXCERPTA MEDICA, Sec. XIII, Vol. 9 No. 2, Feb 1955

140-452-11.

Excerpta Medica sec 16 3/3 Mar 55 Cancer

869. HOLLO Z. M. and ZLATAROW S. Derm. Klin., med. Univ. Szeged. Die Einwirkung von Methylcholantren und Benzpyren auf die Katalaseaktivität des Epithels
The influence of methylcholanthrene and benzpyrene on the catalase activity of the epithelium Arch. Geschwulstforsch. 1954, 7/3 (243-246) Tables 1

The catalase activity of the epithelium of mice was investigated after application of one drop of 0.6% methylcholanthrene and after one drop of 0.8% benzpyrene solution. Three days after the application of methylcholanthrene the decrease of the catalase activity proved to be 31%, after 5 days 51%, and after 7 days 33%. On the 5th day after application of a drop of benzpyrene the average decrease was 55%. Benzol, which was used as a solvent, did not exert any influence on the epithelial catalase activity.

Németh — Budapest

HOLLO, Maria, dr.; ZLATAROV, Sztojcaso, dr.

X-ray and thallium effects on the calcium phosphate layer of the surface of hair roots; calcium phosphate layers of the skin.
Borogy. vener. szemle 9 no.6:218-220 Nov 55.

1. Szegedi Orvostudományegyetemi Bor- és Nemibeteg Klinika
közleménye. Igazgató: Ravnay, Tamas, dr. egyetemi tanár.

(HAIR, effect of radiations on

x-ray & thallium, on calcium phosphate layers in
hair roots)

(SKIN, effect of radiations on

x-ray & thallium, on calcium phosphate layers)

(PHOSPHATES

calcium phosphate, layers in hair roots & skin, eff.
of x-rays & radioactive thallium)

(THALLIUM, radioactive

eff., on calcium phosphate in skin & hair roots)

(ROENTGEN RAYS, injurious effects

on calcium phosphate in skin & hair roots)

EXCERPTA MEDICA Sec.13 Vol.11/2 Dermatology,etc.Feb57

455. HOLLÓ Z. M. and ZLATAROV S. Dept. of Dermatol., Univ. Med. Sch., Szeged, Hungary. *The action of X-ray irradiation and painting with carcinogenic hydrocarbons on the phosphorus content of the epidermis J.INVEST.DERM. 1956, 26/5 (383-387) Tables 2

In rats, contact X-ray irradiation with 3000 r. and in mice one painting with methylcholanthrene and benzpyrene resulted in a pronounced decrease of the total phosphorus content of the epidermis. Following X-ray treatment, the extent of the decrease was greater and of longer duration, whereas in the case of chemical carcinogens, the phosphorus content returned almost to normal on the 4th day after the treatment. Repeated painting with methylcholanthrene again effected a diminution of the phosphorus content of the epidermis which was even more pronounced than that following the first application.

Hollo, Z. Maria

Z. HOLLO MARIA; ZIATAROV SZTOJCSO

Behavior of disulfide bonds in keratinized hair and in healthy and roentgen ray-epilated hair roots. Kiserletes Orvostudomány 11 no.1:51-53 Feb 59.

1. Szegedi Orvostudományegyetem Bőr- és Nemibeteg Klinikája.
(HAIR, eff. of keratinisation & x-ray epilation on behavior of disulfide bonds of cystine in hair (Hun))
(KERATIN
eff. of keratinisation & x-ray epilation on behavior of disulfide bonds of component cystine in hair (Hun))
(CYSTINE
disulfide bonds in hair, eff. of keratinisation & x-ray epilation of hair on behavior (Hun))
(ROENTGEN RAYS, eff.
behavior of disulfide bonds of cystine components of x-ray epilated hair (Hun))

HOLLO, Z. Maria

Z. HOLLO MARIA; ZIATAROV SZTOJCSO

Behavior of disulfide bonds in the internal organs of mice upon the action of alkaline hydrolysis; use of Bennett's sulphydryl reagent dissolved in toluene and aniline. Kiserletes Orvostudomány 11 no.1:54-56 Feb 59.

1. Szegedi Orvostudományegyetem Bor- és Nemibeteg Klinika.

(CYSTINE, determ.

disulfide bonds, alkaline hydrolysis followed by reaction with Bennett's sulphydryl reagent in aniline-toluene medium (Hun))

(SULFIDES, determ. same)

(SULPHYDRYL COMPOUNDS, determ.

with Bennett's sulphydryl reagent in aniline-toluene medium following alkaline hydrolysis of disulfide bonds (Hun))

HOLLO, Z. Maria

ZHOLLO MARIA; ZIATAROV SZTOJCSO

Effects of methylcholanthrene and benzopyrene painting on the disulfide bonds of the epidermis in mouse. Kiserlates Orvostudomány 11 no.1:57-59 Feb 59.

1. Szegedi Orvostudományegyetem Bor- és Nemibeteg Klinikája.

(CYSTINE, metab.

epidermis of mouse skin, eff. of benzopyrene & methylcholanthrene painting on behavior of disulfide bonds (Hun))

(SKIN, eff. of drugs on

benzopyrene & methylcholanthrene painting on behavior of disulfide bonds in mouse epidermis (Hun))

(METHYLCHOLANTHRENE, eff.

painting of mouse skin on behavior of disulfide bonds in epidermis (Hun))

(BENZOPYRENES, eff.

same)

HOLLO, Maria Z.; SIBALIN, Eva L.

Behavior of the disulfide bonds of human serum under the effects of alkali. Kiserletes Orvostudomány 11 no.1:60-63 Feb 59.

1. Szegedi Orvostudományegyetem Bor- és Hemibeteg Klinikája.

(BLOOD PROTEINS

disulfide bonds, behavior in alkaline hydrolysis (Hnn))

(CYSTINE, in blood

disulfide bonds of protein-bound cystines, behavior in alkaline hydrolysis (Hnn)).

HOLLO, Maria, dr.

Keratinization and its chemical aspects. Borgyogy, venger.
szemle 36 no.2-3:49-57 Mr-My '60.

(KERATIN)

(SKIN physiol)

Z. HOLLO, Maria; ZLATAROV, Satojcsó

Prevention of death by means of selenium salts administered before roentgen-irradiation. *Borgyogv. vener. szemle* 36 no.5: 204-207 S '60.

1. A Szegedi Orvostudományi Egyetemi Bor- és Hemibetegklinika
(Igazgató: Ravnay Tamás dr. egyetemi tanár) közleménye.
(SELENIUM pharmacol)
(RADIATION PROTECTION exper)

STEINER, Bela, dr.; PUTNOKY, Gyula, dr.; HOLLO, Tamas, dr.

The significance of "virulent" staphylococcal strains in a pediatric unit. Orv.hetil. 102 no.3:116-119 15 Ja'61.

1. Orvostovabbkepzo Intezet, Gyermek-, Szuleszeti osztalyai es Kozponti laboratoriuma.

(HOSPITALS)

(STAPHYLOCOCCAL INFECTIONS in inf & child)

PERKEDI, Janos, dr.; HORVATH, Endre, dr.; HOLLO, Tamas, dr.; VALLO, Dezső, dr.

Unusual amounts of a blood group substance in the blood serum of a newborn infant. Orv. hetil. 102 no.44:2075-2076 29 0 '61.

1. Orvostovábbképző Intézet és Országos Vérellátó Szolgálat Központi Kutató Intézet.

(BLOOD GROUPS) (INFANT NEWBORN blood)

VADASZ, Gyorgy, dr.; KORANYI, Gyorgy, dr.; KOVACS, Klara, dr.; HOLLO,
Tamas, dr.

Diagnostic and therapeutic problems of congenital diaphragmatic
hernia. Orv. hetil. 106 no.16:731-735 18 Ap '65

1. Orvostovabbkepzo Intezet, II. Gyermekgyógyászati Tanszek.

HOLLO, TIBORNE

H U N G .

12228* Pelletizing of Coarse Iron Ore Pellets and Pellets
Dura vanadium ore to form a pelletized ore. Description
L. H. V. S. and L. H. S. and L. H. S. and L. H. S. and L. H. S.
on 5 May 1961 (p. 100-101)

HOLLO, T.; VISNYOVSKY, I.

Recovery of ilmenite from wehrilite of Szarvasko. p. 194 (Kohaszi Lapok. Budapest
Vol. 11, no. 5, May 1956)

SO: Monthly List of East European Accessions (WEAL) LC., Vol. 6, no. 7, July 1957 Uncl.

HOLLO, T.; VISHNYOVSKIY, L.

Possibility of sintering fine ore powders and muds in sinter works operating by suction. (To be contd.) p.477

KOHASZATI LAPOK. (Magyar Bányászati és Kohászati Egyesület)
Budapest, Hungary
Vol. 13, no.10/11, Oct./Nov. 1958

Monthly List of East European Accessions (EEAI) LC., V ol 8, no.7, July 1959
Uncl.

HOLLO, T.; VISHNYATSKY, L.

Possibility of sintering fine ore powders and muds in sinter works operating by suction. p.544

KOHASZATI LAPOK. (Magyar Banyasszati es Kohaszati Egyesulet)
Budapest, Hungary
Vol. 13, no. 12, Dec. 1958

Monthly List of East European Accessions (EEAT) LC., Vol. 8, no.7, July 1959
Uncl.

HOLLO, Tiborne

Role of the strength of coke in the combustion process of the
blast furnace. Koh lap 97 no.11:514-518 N '64

VISNYOVSKY, Laszlo; HOLLO, Tiborne

Contraction possibilities for the fine ore powders and mids in
sintering plants working by suction. Koh lap 91 no.12:544-
548 D '58.

VISNYOVSKY, Laszlo; HOLLO, Tiborne

Preparation of freshing ores from raw materials in Hungary. Koh
lap 93 no.1:26-31 Ja '60.

VISNYOVSKY, Laszlo; HOLLO, Tiborne

Dressing of the spar iron ore of Rudabanya. Koh lap 93 no.3:110-113
Mr '60.

VISNYOVSKY, Laszlo; HOLLO, Tiborne; HORVATH, Dezzo

Dressing of manganese ores of Uruk. Koh lap 93 no.6:245-249 Je '60.

HOLLO, Tiborne

Compressive strength of metallurgical coaks at high temperature.
Koh lap 97 no.10:476-481 O '64.

L 15552-66 ENP(e)/ENP(t)/ETI/ENP(k) IJP(c) JD

ACC NR: AP6033888

SOURCE CODE: HU/0014/65/098/010/0466/0471

AUTHOR: Abermann, Laszlo; Hollo, Tiborne

35

ORG: none

B

TITLE: Measurement of the specific surface area of powders

SOURCE: Kohaszati lapok, v. 98, no. 10, 1965, 466-471

TOPIC TAGS: powder metallurgy, metal powder

ABSTRACT: The following subjects are discussed: Theory of the determination of specific surface area through the measurement of permeability; practical methods of measurement and experience with the Blaine apparatus; determination of the apparatus constants, limits of measurement and obstacles to measurability. Orig. art. has: 1 figure and 31 formulas. [Based on authors' Eng. abst.] [JPRS]

SUB CODE: 11 / SUBM DATE: none / ORIG REF: 005

Card 1/1 fv

UDC: 539.27:54.08

HOLLAS, A.

Technical problems of developing Hungarian appliances for the textile industry.

MUSZAKI ELT. (Muszaki és Természettudományos Egyesületek Szövetsége) Budapest

No. 13, July 1955

SO: Monthly list of East European Accessions, (EEAL), Vol 4 No. 11 Nov. 1955 Uncl.

HOLICO, A.

Report of the Technical University of the Building Industry; also,
remarks by I. Spiro and others. p. 10. TOBSTERMELES. Budapest. Vol. 9,
No. 8/9, Aug./Sept. 1956

SOURCE: East European Accessions List (EEAL) IC Vol. 5, No. 6, June 1956

HOLLOS, E.; BARNA, A.

Electronmicroscopic studies of the fine structure of Escherichia coli. p. 279

ACTA MICROBIOLOGICA. (Magyar Tudományos Akadémia) Budapest, Hungary, Vol. 5, no. 3
1958. In English.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 11, November 1959.
Uncl.

HOLLOS, G.; BALTATEANU, N.

Some problems connected with the manufacture of cathodes with oxides in the laboratory and the study of their properties.
Studii cerc fiz 16 no.8:923-940 '64.

1. Institute of Atomic Physics, P.O.Box 35, Bucharest.

HOLLOS, G.

RUMANIA/Solid State Physics - Sintering

E

Abs Jour : Ref Zhur Fizika, No 2, 1960, 3576

Author : Toma, E., Teodorescu, I., Hollos, G.

Inst : Institute of Atomic Physics, Rumania

Title : Optical and Electron-Diffraction Investigation of Alloys of Gold with Tin, Obtained by Simultaneous Evaporation of the Components in Vacuum

Orig Pub : Studii si cercetari fiz., 1959, 10, No 1, 63-73

Abstract : By simultaneous evaporation in vacuum of gold and tin, certain phases of the Au-Sn system have been obtained and an attempt has been made of displaying them by optical means. The reflecting ability of the obtained inter-metallic compounds and also of their mixtures in intermediate transition zones, has been measured, in the visible portion of the spectrum ($\lambda = 4500 - 6400 \text{ \AA}$).

Card 1/2

RUMANIA/Solid State Physics - Sintering.

E

Abs Jour : Ref Zhur Fizika, No 2, 1960, 3576

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CIA-RDP86-00513R000618110016-7"

The presence of these compounds was verified also by means of electron diffraction investigation of the alloys.

Card 2/2

HOLLOS, I.

SERENY, Bela, dr.; HOLLOS, Ivan, dr.

Sulfaguanidine sensitivity of Shigella strains found in Hungary.
Orv hetil 95 no.16:421-424 Ap '54. (HEAL 3:8)

1. Az Országos Kórokozószegügyi Intézet (főigazgató: Hava Andras
dr.) közleménye.

(SULFAGUANIDINE, eff.

*on Shigella strains)

(SHIGELLA, eff. of drugs on

*sulfaguanidine sensitivity)

100-100

EXERITA MEDICA Sec 4 Vol 12/1 Med. Micro. Jan 59

218. ELECTRONMICROSCOPIC EXAMINATION OF COMPLETE AND INCOMPLETE INFLUENZA VIRUS PARTICLES - Hollós, I. State Inst. of Hyg. Budapest - ACTA MICROBIOL. ACAD. SCIENT. HUNG. (Budapest) 1957, 4/4 (459-474) Graphs 6 Tables 3 Illus. 22

Diameters of complete, heat-inactivated, and incomplete (prepared by 2 different methods) particles of PR8, Lee and Budapest 4/49 A-type influenza viruses were measured in shadowed preparations. The densities of similar virus preparations were also measured, using unshadowed particles adsorbed onto chicken RBC-ghosts. The greater diameter of the incomplete particles, as compared with that of the complete ones, was found to be an artefact, i. e., flattening of the former during preparation. Nevertheless, observed differences in density cannot be explained as only a result of flattening and render the existence of certain structural differences between complete and incomplete particles very probable. Multiple peaks in density diagrams of both types of incomplete particles suggest that different developmental stages of particles exist together in the preparation. No significant differences were found between the density diagrams of heat-inactivated particles and complete particles

Koch - Budapest

HOLLÓS, I.; PÁRMA, A.

~~CONFIDENTIAL~~
Electronmicroscopic studies of the fine structure of *Escherichia coli*.
Acta microb. hung. 5 no.3:279-285 1958.

1. State Institute of Hygiene, Budapest.

(*ESCHERICHIA COLI*
electron microscopy of ultrastructure)
(MICROSCOPY, ELECTRON
of ultrastructure of *E. coli*)

HOLLIS, I.; BARNA, A.

Electronmicroscopic examination of complete and incomplete influenza viruses.
II. Studies of the fine structure of complete influenza virus. p. 389.

ACTA MICROBIOLOGICA. (Magyar Tudományos Akademia) Budapest, Hungary, Vol. 5,
no. 4, 1958. In English.

Monthly list of East European Accessions, (EEAI) LC, Vol. 9, no. 1, Jan. 1960.

Uncl.

HOLLOS, I.

Electron microscopic examination of complete and implete influenza virus by disintegration and digestion methods. Acta microb. hung. 7 no.1:57-64 '60.

1. State Institute of Hygiene, Budapest.
(INFLUENZA VIRUSES)
(MICROSCOPY, ELECTRON)

HOLLOS, I.

Inhibition of the multiplication of influenza virus by Francis
inhibitor coupled to aniline derivatives. Acta microb.hung. 7 no.3:
231-242 '60.

1. State Institute of Hygiene, Budapest.
(INFLUENZA VIRUSES pharmacol)
(ANILINE COMPOUNDS pharmacol)

VACZI, L.; FODOR, M.; RETHY, A.; HOLLOS, I.

Studies on the amino acid composition of the cell wall of E. coli
O:111 strains with different antibiotic sensitivity. Acta microb.
hung. 7 no.3:297-306 '60.

1. Institute of Microbiology, University Medical School, Debrecen,
and State Institute of Hygiene, Budapest.
(ESCHERICHIA COLI chem)
(ANTIBIOTICS pharmacol)
(AMINO ACIDS chem)

HOLLO, Istvan

Congress of the International Water Supply Association
(I.W.S.A.) in Brussels, 1958. Hidrologiai Kozlony 37
no.3:238 '57.

1. "Hidrologiai Kozlony" szerkeszto bizottsagi tagja.

HOLLO, Istvan

Asbestos cement gas pipes. Musz elot 18 no.25: 15 5 D '63.

HUNGARY

NYERGES, Georgette, HOLLOS, Ivan, EAGY, Gyula; National Institute of Public Health (director: BAKACS, T.) (Orszagos Kozegeszsegugyi Intezet), Budapest.

"The Significance of Serological Tests in Evaluating the Success of Smallpox Revaccination."

Budapest, Acta Microbiologica Academiae Scientiarum Hungaricae, Vol XIII, No 2, 1966, pages 97-112.

Abstract: [English article, authors' English summary modified] Adults vaccinated against smallpox in infancy who received a booster at 6-10 years of age were again revaccinated. Statistical analysis was carried out of possible correlations among the following 4 factors: 1) take, 2) age of subjects, 3) prevaccination hemagglutination inhibiting (HI) and neutralizing antibodies, 4) HI and neutralizing antibody responses. No correlation was found between 3) and 1). Only 2), reflecting the time that elapsed since the first revaccination, showed an appreciable correlation with 1). There was no correlation between HI and neutralizing antibody titers in the prevaccination serum samples of subjects with subsequent take, whereas a positive correlation was found in this respect in those who could not be revaccinated successfully. After successful revaccination (take) the neutralizing antibody titers increased significantly, irrespective of the prevaccination titer, and a well-defined positive correlation developed between HI and neutralizing antibodies.

1/2

Budapest, Acta Microbiologica Academiae Scientiarum Hungaricae, Vol XIII, No 2, 1966, pages 97-112.

APPROVED FOR RELEASE: 09/21/2001 CIA-RDP86-00513R000618110016-7"

A neutralization titer of 1:128 or an HI titer of 1:32 can be considered a take. When the revaccination did not take, the neutralizing antibody titers increased significantly but to a lesser degree than after take. In contrast to successful revaccination, the antibody responses showed a pronouncedly negative correlation with the prevaccination neutralization titers. Moreover, the failure to take was followed by the disappearance of the prevaccination correlation between HI and neutralizing antibodies since, in these cases, there was no or a very poor HI response. According to this last observation, HI antibody response is a more reliable serological indicator of successful revaccination than a rise in the neutralizing antibody titer. 2 Hungarian, 15 Western references. [Manuscript received 7 Oct 65.]

HOLLOS, I.; National Institute of Public Health (director: SZKASZ, ...),
Department of Virology (Országos Kórokozósegügyi Intézet, Virologiai Osztály),
Budapest.

"Effect of a Modified Francis Inhibitor and Its Acetone-Soluble Fraction on
the Influenza Virus."

Budapest, Acta Microbiologica Academiae Scientiarum Hungaricae, Vol XIII,
No 2, 1966, pages 133-144.

Abstract: [English article, author's English summary modified] Comparative studies were carried out on the Francis inhibitor (Ko), a modified Francis inhibitor (8m) prepared in this laboratory and their acetone-soluble fractions (Koac and 8ac). A 2% solution of 8ac showed a remarkable virucidal effect in vitro in contrast to the other 3 substances which were lacking in this effect. In a roller drum, by measuring the inhibition of viral multiplication by hemagglutination at different concentrations of the various inhibitors and evaluating the results statistically, the following observations were made. The regression of inhibition measured as the geometric mean of hemagglutination titers as referred to the dose of the inhibitor derivatives yielded a first-order function at intermediary doses. Using identical doses of the virus, the effectiveness of the most active 8ac preparation exceeded 39 (32-44) times that of the original Francis inhibitor as referred to the respective 50% inhibitory doses (E50). Using an identical strain of virus,
1/2

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HOLLOS J.

HUNGARY/ Chemical Technology_ Chemical Products and Their
Application. Medicinals. Vitamins. Antibiotics.

H-17

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 26186

Author : Bodenszky Miklosne, Hollos Jeno, Nemeth Ottone

Inst : - *

Title : Determination of Small Amounts of Histamine in Histidine.

Orig Pub : Magyar kem. folyoirat, 1956, 62, No 9, 317-318

Abstract : Histamin, in amounts of 10-20 micrograms per 1 g of histidine preparation, is determined by paper chromatography. After recrystallization of the sample the mother liquor (0.5 ml) is placed by means of a narrow strip of dense paper on chromatography paper. Development is effected with a mixture of ethanol-n-butanol-water (1:4:5). These procedure reveals also other contaminations which possess a histamine-like action.

Card 1/1 * Res. INST. PHARM. LAB., UJPEST, HUNGARY.

HOLLO, Janos, dr., egyetemi tanar; BABOS, Zoltan

Tasks of the Scientific Association for Agricultural and
Food Industries in supporting the collective farm movement.
Elelm ipar 13 no.5:141-142 My '59.

1. Mezogazdasagi es Elelmiszeripari Tudomanyos Egyesulet
fotitkara (for Babos).
2. Mezogazdasagi es Elelmiszeripari Tudomanyos Egyesulet
elnok; Miniszterhelyettes.

HOLLAS, Jozsef

Labor safety patrol in the Klement Gottwald Electric Factory.
Munka 10 no.12:9 D '60.

1. Klement Gottwald Villamosagi Gyar lapszerkesztoje.

HOLLOS, Jozsef, ujsagi

The stewards' activity at the Klement Gottwald Factory. Munka li
no.3:10 Mr '61.

(Hungary—Electrical engineering)
(Hungary—Industrial management)

HOLLOS, Jozsef, ujsagiro

The Beloiannis Factory's Innovators' Brigade. Munka 12
no.9:40 S '62.

HOLLOS, Jozsef

Laszlo Suto Nagy and Gyorgy Baczai, creators of technology.
Munka 12 no.10:40 0 '62.

1. Ujsagi.

HOLLOS, Jozsef

Technician Istvan Beck; creators of technology. Munka 12 no.11:40
N '62.

1. Turbo munkatarsa.

NO. 1. Jozsef

Chief Engineer Laszlo Totk of the No. 1 Factory of Building Elements.
Munka 12 no.12:40 D '62.

1. Turbo munkatarsa.

HOLLOS, Jozsef

Jozsef Varga Papp, design engineer of the Ikarus Factory.
Munka 13 no.1:40 Ja '63.

HOLLAS, Jozsef

Engineers Laszlo Bot and Janos Nyakas; the creators of
technology. Munka 13 no.2:40 F '63.

1. Turbo munkatarsa.

HOLLOS, Jozsef

Plant manager Antal Biro; creators of technology. Munka 13
no.3:40 Mr '63.

1. Turbo munkatarsa.

HOLLAS, Jozsef

Laszlo Bokori, Karoly Kren, Ferenc Toth; creators of technology.
Munka 13 no.4:17 Ap '63.

1. Turbo munkatarsa.

HOLLOS, Jozsef

Mechanical Engineer Matyas Kanyo. Munka 13 no.7:40 J1 '63.

1. Turbo munkatarsa.

HOLLCS, Jozsef

Mrs. Tibor Asboth, Adolf Paszczinsky and Ferenc Kitzinger;
creative technologists. Munka 13 no.8:40 Ag '63.

1. Turbo munkatarsa.

HOLLÓS, József

Janos Voros and Robert Juhasz; creative technologists. Munka
13 no.9:40 S '63.

1. Turbo munkatarsa.

HOLLOS, Jozsef

Imre Lillmanstons, Laszlo Horvath and Bela Hajor; creative
engineers. Munka 13 no.10:40 0 '63.

1. Turbo munkatarsa.

HOLLOS, Jozsef , ..

Metallurgist Jeno Vitek; innovators of technology. Munka 13
no.12:40 D'63.

1. Turbo munkatarsa.

HOLLOS, Jozsef

Miklos Csobay and Mrs. Vilmos Beres, chemical engineers;
creators of technology. Munka 14 no. 2: 40 F '64.

HOLLOS, Jozsef

Innovators Istvan Bardocz and Gyula Pompor. Munka 14 no.4:40 Ap '64.

1. Contributor, "Turbo."

HOLLOS, Jozsef

New methods, innovations. Munka 14. no.8:40 Ag '64.

1. "Szerszámgepipar", Budapest.

HOLLÓ, József

New methods, innovations. Munka 14 no.10:40 G '64.

1. Editorial board, "Szerszámgepipar," Budapest.

HOLLOS, Jozsef

New methods, innovations. Munka 14 no. 6:40 Jo '64.

1. Editor, "Szerszamgepipar."

HOLLOS, Robertne

What we saw at the Warsaw international puppet show festival.
Munka 13 no.1:25 Ja '63.

1. Nermuvelési Intezet munkatársa.

HOLLCS, Oliver, dr.

Long-distance heart examination; new Hungarian medical instruments. Elet tud 18 no.26:825-826 30 Ja '63.

HOLIOSI, B.

"The use of tools in a foundry" p. 103, (KOHASZATI LAPOK, Vol. 6, no. 5, May 1953, Budapest, Hungary)

SO: Monthly List of East European Accessions, L.C., Vol. 2, No. 11, Nov. 1953, Uncl.

HOLLOSI, B.

"Timely Preparation of Production in Foundries." p. 250 (Kohaszati Lapok,
Vol. 8, no. 12 Dec. 1953. Budapest.)

Vol. 3, no. 6
SO: Monthly List of East European Accessions. /Library of Congress, June 1954, Uncl.

HOLLOSI, Bela, okleveles kohomernok

Standardisation of flasks. Koh lap 93 no.9; Suppl: Ontode 11 no.9:
199-202 s '60.

1. Gh. Dej Hajogyar.

HOLLOSI, G.; TIGYI, A.; LISSAK, K.

Changes of nucleic acid content in gastrocnemius muscles of pigeons and turtles after denervation and tenotomy. Acta biol. acad. sci. Hung. 14 no.1:17-24 '63.

1. Institute of Physiology and Biology, Medical University,
Pecs (Head K. Lissak).

(MUSCLES)	(TENDONS)	(NEUROSURGERY)
(DNA)	(RNA)	(PERIPHERAL NERVES)

HOLLOSI, Gabor; BENEDICZKY, Imre; TIGYI, Andras; LISSAK, Kalman

The role of the nervous system in the maintenance of the ribonucleic acid and desoxyribonucleic acid content of striated muscle tissue.
Acta biol Hung 11 no.2:145-153 '60. (EBAI 10:2)

1. Institute of Physiology and Biology, Medical University, Pecs
(Head: K.Lissak)
 (RIBONUCLEIC ACIDS) (NUCLEIC ACIDS)
 (NERVOUS SYSTEM) (MUSCLES)
 (DEOXYRIBONUCLEIC ACIDS)

L 30127-66

ACC NR: AT6020336

SOURCE CODE: HU/2505/65/028/004/0319/0326

AUTHOR: Lissak, Kalman; Hollosi, Cabor; Juhasz, Peter; Molnar, Janos

30
B+1

ORG: Institute of Physiology, University Medical School, Pecs (Orvostudományi Egyetem Elektrolit Intézete)

TITLE: Neural regulation of nucleic acid metabolism²² in the mammalian myocardium

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 28, no. 4, 1965, 319-326

TOPIC TAGS: cardiovascular system, DNA, biologic metabolism, cat

ABSTRACT: Nucleic acid concentration in the partially and totally denervated ventricular myocardium of cats has been studied for 60 and 75 days following denervation. DNA concentration in the muscles of the left ventricle did not significantly change after either partial or complete denervation. RNA concentration diminished significantly after vagotomy and total denervation but remained at the control level in the sympathectomized myocardium. Sympathetic activity seems to have no direct influence on the nucleic acid metabolism of the ventricular muscles of the mammalian heart. Phenomena observed after vagotomy and total denervation may be due to a change in myocardial acetylcholine metabolism. Orig. art. has: 1 figure and 4 tables. [Based on authors' Eng. abst.] [JPRS]

SUB CODE: 06 / SUEM DATE: 11Jan65 / ORIG REF: 003 / OTH REF: 014
SOV REF: 001

Card 1/1 ULR

HOLLOSI, Gyula

.. Some good advice from the experience of a director of
a machine-tractor station. Menogazd techn 1 no.3:3-4
'61.

LISSAK, K.; HOLLOSI, G.; JUHASZ, P.; MOLNAR, J.

Neural regulation of nucleic acid metabolism in the mammalian myocardium. Acta physiol. acad. sci. Hung. 28 no.4:319-326 '65.

1. Institute of Physiology, University Medical School, Pecs.
Submitted January 11, 1965.

HOLLOS, Jozsef (Budapest)

New methods, innovations. Munka 14 no.12:40 D '64.

HOLLOS, Jozsef

New methods. Munka 15 no.1:40 Ja '65.

1. "Szerszámgepipar", Budapest.

HOLLÓ, József

New work methods. Munka 15 no.3:40 Mr 965.

1. Editorial Office, "Szerszámgepiar", Budapest.

ZALKA O. and HOLLOSI K. Inst. fur path. Anat., Lorand Eotvos-Univ., Budapest.
 * Teilungsverhältnisse der linken Arteria coronaria cordis, mit Rücksicht auf die
 Verschlüsse der Kranzader. Modes of ramification of the left coronary artery in
 relation with coronary obstruction ACTA MORPHOL. (Budapest) 1951, 1/1 (133-136)
 illus. 6

In 119 adults the branches of the left coronary artery were dissected. In 12 cases the ramification agreed with the standard pictures. In 36 cases the ramus circumflexus gave off a large branch running between the ramus interventricularis ventralis and the left margin of the heart, parallel with the latter. In 58 cases the left coronary artery divided into 3 branches; the ramus circumflexus, the ramus interventricularis anterior and a ramus obliquus running obliquely on the ventral surface of the left ventricle. In 6 cases the latter artery was replaced by a number of smaller branches arising from a somewhat dilated part of the artery. In 5 cases only the ramus interventricularis anterior and the ramus obliquus were present. In 2 cases, in addition to the large anterior interventricular ramus, only a very small ramus circumflexus was present. It is expected that the pattern of ramification affects the site of predilection of coronary thrombosis.

Mijsberg - Utrecht (I, 5, 6)

SO: EXCERPTA MEDICA, Vol. 8, No. 4, Section VI, April 1954

HOLLOSI, Katalin, dr.; FODOR, Tamas, dr.

Neurological aspects of neoplasms of glomus jugulare. Ideg.
szemle 8 no.6:183-186 Dec 55.

1. A Fovarosí István Korhás (Igazgató: Dr. Katona, István)
Prosecturájának (Főorvos: Dr. Radnai, Béla) és Idegosztályának
(Főorvos: Dr. Lehotzky, Tibor, az orvostud. cand.) közleménye.
(GLOMUS JUGULARE, neoplasms
neuroi. compl. (Hun))
(NERVOUS SYSTEM, dis.
caused by tumor of glomus jugulare (Hun))

EXCERPTA MEDICA Sec. 6 Vol. 11/9 Sept. 57

HOLLÓSI K.

5303. HOLLÓSI K. and WINDT S. Ist. Kórház Prosect. és Gégeosztályának,
Főváros. *Macskavírus láz. Cat-scratch fever ORV. HETIL. 1956,
97/38 (1003-1005) Illus. 4

Report of the first 2 cases of the disease in Hungary. The typical clinical and
morphological changes, skin test and serological examinations confirmed the
diagnosis. Molnár - Budapest (XX, 6, 4, 7, 9, 17)

EXCERPTA MEDICA Sec 5 Vol. 11/2 Pathology Feb. 58

HOLLÓSI, K.

310. OXALOSIS - Oxalose - Hollósi K. Pathol. Abt., István-Krankenh.,
Budapest - ZBL. ALLG. PATH. PATH. ANAT. 1957, 86/5-6 (220-223) Tables
2 illus. 5

A massive Ca oxalate monohydrate incrustation was demonstrable in the kidneys and the bones of a girl aged 4.5. A moderate precipitation of oxalate crystals was seen in the myocardium, thymus, pancreas, ovaries and lymph nodes. Osteoporosis, osteomalacia, osteodystrophy, renal rickets, parathyroid hyperplasia constituted the clinical and macroscopic manifestations. The condition was tentatively diagnosed as congenital oxalate diathesis, i.e. oxalosis.

Sós - Budapest (V, 7*)

EXCERPTA MEDICA Sec 5 Vol 12/7 General Path. July 59

1908. GLIOMA OF THE TONGUE - Glioma linguae - Hollósi K. - KISERL.
ORVOSTUD. 1958, 10/2-3 (330-334) Illus. 3

The case reported is the second of its kind in the world literature: A tumour composed of glial tissue and of the volume of a date stone developed in the tongue of a boy 6 months old. The tumour was removed by operation; the histological examination with silver impregnation showed the presence of astrocytes and oligo-

dendro-glia cells. Ganglion cells and choroid plexus tissue were not found. In the author's view this ectopic tumour is to be regarded as a teratoma developed as the result of the extracranial squeezing off of embryonal glial tissue.
Juhász - Budapest (V. 11, 16)

Fovarosi Istvan Kórház Proszturija

EXCEPITA MEDICA Sec 5 Vol 12/11 General Path. Nov 50
3433. BENIGN LYMPHOEPITHELIAL LESIONS OF THE SALIVARY GLANDS -
Über die benignen lymphoepithelialen Läsionen der Kopfspeicheldrüsen -
Hollósi K. Hauptstätt. Istvan-Krankenh. Pathol. Abt., Budapest -
ZBL. ALLG. PATH. PATH. ANAT. 1958, 98/3-4 (145-155) Illus. 6
This term, introduced by Godwin, comprises several diseases such as adenolym-
phoma, lymphocyte tumour and Mikulicz's disease. Six personal cases are de-
scribed, 2 of which form a transition to lymphomatous papillary cystadenoma. The
benign lymphoepithelial lesions develop from the heterotopic salivary gland tissue
embedded in the lymph nodes of the cervical and gnathic region, not from the
branchiogenous structures.
Dvofáček - Ostrava (V, 16)

HOMIÓSI KATALIN DR.
GOTTSEGEN, Gyorgy, Dr.; HOMIÓSI, Katalin, Dr.

The origin of lymph-epithelial parotid changes. Orv. hetil. 99 no.2:
12 Jan 58.

1. A Fovarosí Istvan Korház (igazgató: Katona Istvan dr.) III. sz.
Belosztályának főorvos: Gottsegen György dr.) és Prosecturájának
(főorvos: Radnai Béla dr.) közleménye.
(PAROTID GLAND, pathol.
lympho-epithelial changes (Hun))

NAGY, Gyorgy, dr.; HOLLOSÍ, Katalin, dr.

Clinico-pathologic and pathophysiologic aspects of intrathoracic paragangliomas. Orv. hetil. 105 no.37:1749-1753 13 S '64.

1. Gyongyosi Burgat Pal Korhaz es Fcvarosi Istvan Korhaz, Korboneta-
ni Osztaly.

HOLLOSI, Katalin, Dr.; FABRY, Laszlo, Dr.

~~Pulmonary changes in disseminated lupus erythematosus.~~ Orv. hetil. 99
no.20:667-672 18 May 58.

1. A Fovarosi Istvan Korhaz (igazgato: Katona Istvan dr.) Korbancstani
Oszdtalyanak (foorvos: Radnai Bela dr.) es a Gyali- uti Korhaz (igazgato:
Borza Laszlo dr.) Belosztalyanak (foorvos: Gero Andor dr.) kozlemenye.

(LUPUS ERYTHEMATOSUS, DISSEMINATED, pathol.
lungs (Hun))

(LUNGS, pathol.
in disseminated lupus erythematosus (Hun))

Hollósi K.
EXCERPTA MEDICA Sec 5 Vol 12/3 Gen. Path. Mar 59

923. NECROTIC POLYANGIITIS AND GRANULOMATOSIS - Necrotizáló
polyangiitis és granulomatosis - Hollósi K., Radnai B., Gerő A.
and Remenár L. Fővárosi István Kórház Kóronctani - ORV. HETIL.
1958, 99/22 (729-734) Illus. 7

Cases of s.c. collagen disease including those with Wegener's granulomatosis, Loeffler's syndrome, allergic angitis, allergic granulomatosis and necrotic angitis with granuloma can not be always well differentiated. Case reports:
(1) Woman of 45; the disease began with diarrhoea, fever, pleural exudate; ESR high; hypergamma- and α_2 -globulinaemia; no LE cells; severe dyspnoea, haemoptysis, skin haemorrhages, pulmonary symptoms and uraemia developed; death after 2 months. (2) Man of 43 with symptoms of orbital tumour, trigeminal neuralgia, increased liquor albumin and severe headaches; excision from the peri-orbital tissue showed granulation tissue with arterial necroses; death with uraemia after 2 yr. Post-mortem examination in both cases showed in all organs involved (lungs, kidneys, liver, spleen and in the 2nd case even in the dura mater and periorbital tissue) arteritis with fibrinoid necrosis, intima proliferation, thrombosis and periarterial granulomas, composed mainly of fibroblasts, histiocytes, lymphocytes, plasma cells and eosinophilic granulocytes. In the 2nd case the fungus *Candida pseudotropicalis* was cultured once from the CSF and later from the orbital tissue and meningeal exudate resp. Aetiology, pathogenesis and relationship to allergic processes are discussed. ACTH was fatal in both cases.

Sümei - Stockholm (V, 6)

SIMKO, Istvan, Dr.; HOLLOSI, Katalin, Dr.

Reticuloendotheliosis. Gyermekgyógyászat 10 no.4:118-124 Apr 59.

1. Fovarosí XX. ker. Gyermekkorház Tudosztálya (Főorvos: Simko Istvan dr.) és Istvan korház Kóronctani Osztálya (Főorvos: Radnai Béla dr.) közleménye.

(RETICULOENDOTHELIOSIS, in inf. & child
case r eport (Hun))

HOLLOSI, Katalin, dr.; SZAM, Istvan, dr.; GERO, Andor, dr.

Pulmonary fibrosis and lung cancer in scleroderma. Orv.hetil. 101
no.31:1108-1111 31 J1 '60.

1. Fovarosí Istvan Korház, Kórház utáni Ustaly, Budapesti
Orvostudományi Egyetem, IV. sz. Belklinika, Fovarosí Gyali uti
Korház, Belosztaly.

(LUNG NEOPLASMS, compl)

(PULMONARY FIBROSIS, compl)

(SCLERODEMA compl)

HOLLOSI, Katalin, dr.; RADNAI, Bela, dr.

Pathology of pulmonary changes in collagen diseases. Orv.hetil.
101 no.49:1746-1750 4 D'60.

1. Fevarosi Istvan korhas, Korbontani Osztaly.
(LUNGS pathol)
(COLLAGEN DISEASES pathol)

GOTTSEGEN, Gyorgy, dr.; HOLLOSI, Katalin, dr.; KALMAN, Peter

Effect of age and stasis on liver and spleen distensibility. Magy belorv.
arch. 14 no.3:85-89 J1 '61.

1. A Budapesti Orvostudományi Egyetem IV Belklinikájának, az Országos
Kardiológiai Intézetnek (igazgató: Gottsegen György dr. egyetemi tanár)
és az István kórház kóronctani osztályának (főorvos: Radnai Béla dr.)
közleménye.

(LIVER physiol) (SPLEEN physiol)

SZEPLAKI, Sandor, dr.; HOLLOSI, Katalin, dr.

Coarctation of the aorta and stenosis of the large aortic branches.
Orv.hetil. 102 no.7:325-327 12 F'61.

1. Kovarosi XXI. ker. Kórház, Belosztály és István Kórház,
Korbonctani osztály.

(AORTIC COARCTATION compl)
(HEART DEFECTS CONGENITAL)

191101, Karelina, Dr. M. V. Gyorgy, Dr. Vaparka Clay Katarin Katarina,
Pathology Department (Istvan Katarin, Katarina Katarin) and
Istvan Katarin Hospital of Gyorgy, Pathology Department (Istvan Katarin) and
Istvan Katarin, Katarina Katarin.

"Eosinophilic Infiltrations and Granulomas of the Digestive Tract."

Europe, (Gyorgy Katarin, Vol 104, No 11, 17 Mar 1961, pages 1-10).

Abstract: [Authors' Hungarian summary based on three cases, two authors discuss the eosinophilic cell granulomas and infiltrations of the digestive tract. The histopathological picture suggests an allergic pathomechanism. In spite of some tumor-like characteristics of the process, no real tumor is involved. Based on the numerous, clinical and morphological data reported in the literature, there seems to be a connection between the eosinophilic infiltration and granulomas of the digestive tract and other allergic syndromes such as colic, allergic, allergic, allergic lymphadenopathy and so on. 1 Eastern European, 43 Western references.]

1/2

1/2

HOLLOSY, Karoly, dr.

The tuberculous mamma. Tuberkulosis 10 no.1-2:21-24
Jan-Feb 57.

1. A kalocsai városi tanács korhaza sebészeti osztályának
(először: Hollosy, Karoly, dr.) közleménye.

(TUBERCULOSIS
of breast (Hung))
(BREAST, dis.
tuberc. (Hung))

HOLLOSY, Karoly, dr.

Traumatic injury and breast cancer. Magy. onkol. 6 no.1:19-22 Mr '62.

1. Kalocsai Varosi Tanacs Korhaza, Sebesseti Osztaly.

(BREAST wds & inj)
(BREAST NEOPLASM etiol)